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West Nile Virus Surveillance Report

July 11, 2012

Mosquito¹ Surveillance:

Week 27: (07/01/2012 – 07/07/2012)	
Number of female <i>Culex</i> mosquitoes tested	13,953
Number of <i>Culex</i> mosquito pools tested	292
Number of positive pools	37
Number of communities with positive mosquito pools ²	18
Cumulative Totals: (05/20/2012 – 07/07/2012)	
Number of female <i>Culex</i> mosquitoes tested	71,966
Number of <i>Culex</i> mosquito pools tested	1,698
Number of positive pools	86
Number of communities with positive mosquito pools	48

1. Includes mosquito surveillance data from Cook County Department of Public Health, Skokie Department of Public Health, Evanston Department of Public Health, North West Mosquito Abatement District, North Shore Mosquito Abatement District, Des Plaines Valley Mosquito Abatement District, South Cook County Mosquito Abatement District, and the Illinois Department of Public Health.

2. Communities are: Alsip, Arlington Heights, Barrington, Berkeley, Buffalo Grove, Chicago Ridge, Des Plaines, Hoffman Estates, Justice, Lansing, Niles, Northbrook, North Riverside, Oak Forest, Oak Lawn, Palatine, Schaumburg and Streamwood.

Dead Birds: One bird was submitted during week 27 and the result is pending. A total of 24 birds have been tested, of which 3 were positive.

Human Cases: There are no reported cases of WNV infection in humans.

Risk Assessment

The risk of human West Nile Virus infection in suburban Cook County is starting to increase.

Prevention: When outdoors between dusk and dawn, cover skin with lightly colored loose fitting clothing and use mosquito repellent with DEET, picaridin or oil of lemon eucalyptus. When applying repellent, always follow the directions on the product label. Get rid of standing water around your home in pet bowls, flower pots, old tires, baby pools and toys. Water that is allowed to stagnate for three or four days becomes a breeding ground for mosquitoes. Make sure your doors and windows have tightly fitting screens and repair any tears or other openings. Keep weeds and grass cut short and keep gutters clean and free of debris.

Disclaimer: All data are preliminary and may change as more reports are received.

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